

From owner-qrp-l@Lehigh.EDU Wed Jan 8 18:02:43 1997
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Subject: [8253] 1/8/97 LDG autotuner purchase status
Message-ID: <Pine.3.89.9701081514.B400-0100000@w3eax.umd.edu>

Remember, the door slams shut the night of Friday, Jan. 17th.

I'll finalize the order Saturday morning, 1/18/97. To order:

E-mail or call me with

- 1) Name & callsign
- 2) Address (UPS-able) if you don't want to pick it up in MD
- 3) Telephone number
- 4) EXACTLY what you want to get, and how many of each:
 - AT-11 Tuner \$135 (or \$127.50 if we get 25 orders - usually \$150)
 - AT-11 cabinet (\$30)
 - QRP tuner (\$85 - usually \$100)
 - QRP cabinet (\$25)

Tell your friends, fellow club members, etc. I have nothing to do with LDG except for being excited about building one of their kits. You are expected to pay (slightly) in advance of the order, and pay shipping if applicable. Can ship UPS or USPS, prefer UPS.

CURRENT STATUS:

17 AT-11s (come on, people - at 25 we save another \$7.50 each!)
7 QRP tuners

INTERESTING NEWS:

The QRP enclosure is not \$30 as previously stated - it's \$25.

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 75 grids worked on 8 watts *** HF 138 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** 145.490- 147.225+ PL 156.7 *

From owner-qrp-l@Lehigh.EDU Wed Jan 8 18:02:43 1997
From: zearwd@rockdal.aud.alcatel.com (W. Dennis Zeares)
Subject: [8229] 509 sold
Message-ID: <9701081422.AA15659@aud.alcatel.com>

the argonaut 509 has been sold.
TNX, k3ets Dallas

From owner-qrp-l@Lehigh.EDU Wed Jan 8 18:02:43 1997
From: jerryh@webzone.net (Jerry Henshaw)
Subject: [8212] Allen Bond Power Supplies
Message-ID: <01BBFCE9.CDD3A600@pm6.ppp153.webzone.net>

Hi Gang,

I received my case (12 units) of the 13.5V 800ma power supplies today. They are fantastic! I measured about 5mv p-p ac ripple on the unloaded supply. There is an internal pot that will allow you to adjust the output voltage. I set mine to 13.8 volts DC I placed a 10 ohm load across the supply and measured about 15 volts p-p = ac ripple --- the terminal voltage dropped to about 13.35 VDC -- that is = a 1.38 amp load. I placed a 6.9 ohm resistor across the supply and measured about 20mv p-p ac ripple --- the terminal voltage dropped to 13.20 VDC.

The internal heat sink did not even get warm during these tests.

These supplies are great for a bench power supply for most QRP rigs. I will be using one with my Sierra. I am going to dedicate of them for a battery charger for my 12volt gel cells. You can adjust the output voltage to over 15 volts.

These are a great buy at about \$3.00 per unit including shipping!!

Great deal Allen and all the best on your school fund raiser.

73's

Jerry Henshaw
KR5L / QRP
jerryh@webzone.net

ARCI 9165, QRP-L 847, NORCAL 1999
49er, ARK 20, Wilderness Sierra, (Soon 38 Special)

From owner-qrp-l@Lehigh.EDU Wed Jan 8 18:02:43 1997
From: Allen Jones <ajones@adsnet.com>
Subject: [8239] Braided Antenna Wire

Message-ID: <1.5.4.32.19970108164257.0069afac@adsnet.com>

Has anyone here on the reflector tried the lightweight braided wire with the Kevlar core. I bought some at the South Bend, Indiana hamfest Sunday with plans to use it for a full wave loop on 40M. I asked the salesman (Coax Connection) if it was easy to solder and he said "No problem". A fellow standing close by and listening to the conversation claimed he had tried and had difficulty.

Also bought a 17AH 12V gel cell new with 94 date code. The vendor had several in cartons for \$10 each. Sorry, didn't get a name or phone #.

72/3 de Allen Jones, W9DZ
ajones@adsnet.com
Michigan City, IN

From owner-qrp-1@Lehigh.EDU Wed Jan 8 18:02:43 1997
From: wb2vuo@juno.com (William K Hibbert)
Subject: [8214] Coax-fed Harmonic Dipoles
Message-ID: <19960107.232743.7663.0.wb2vuo@juno.com>

Harmonic Dipole Chart (Frequencies in MHz)

A dipole will exhibit resonance at odd multiples of a half-wave, that is, showing a current node at the feedpoint. This will allow one to feed the dipole with coax and still tune it with the "typical" ATU easily. As the number of half-waves increase, the feedpoint impedance rises, and the SWR is --NOT-- 1:1, but the increase in SWR won't be enough to drastically increase the losses unless the coax is very lossy to start. This allows one to cut a dipole for 75 Meters, and run it on its 7th harmonic on 10 Meters. Looking at the chart, you will notice a number of lengths that are useful on more than one band.

Wavelengths

Length(ft)	1/2	3/2	5/2	7/2	9/2	11/2	13/2	15/2
100	4.68							
14.52	24.36		34.20		44.04		53.88	63.72
73.56								
102	4.59	14.24		23.88				
33.53	43.18		52.82		62.47		72.12	
104	4.50	13.96		23.42		32.88		42.34
61.27		70.73						51.81
106	4.42	13.70		22.98		32.26		41.55
60.11		69.40						50.83
108	4.33	13.44		22.56		31.67		40.78
59.00		68.11						49.89
110	4.25	13.20		22.15		31.09		40.04
57.93		66.87						48.98
112	4.18	12.96		21.75		30.54		39.32
56.89		65.68						48.11
114	4.11	12.74		21.37		30.00		38.63
55.89		64.52						47.26
116	4.03	12.52		21.00		29.48		37.97
54.93		63.41						46.44
118	3.97	12.31		20.64		28.98		37.32
54.00		62.34						45.66
120	3.90	12.10		20.30		28.50		36.70
53.10		61.30						44.90
122	3.84	11.90		19.97		28.03		36.10
52.23		60.30						44.16
124	3.77	11.71		19.65		27.58		35.52
51.39		59.32						43.45
126	3.71	11.52		19.33		27.14		34.95
50.57		58.38						42.76
128	3.66	11.34		19.03		26.72		34.41
49.78		57.47						42.09
130	3.60	11.17		18.74		26.31		33.88
49.02		56.58						41.45
132	3.55	11.00		18.45		25.91		33.36
48.27		55.73						40.82

134	3.49	10.84	18.18	25.52	32.87	40.21
	47.55	54.90				
136	3.44	10.68	17.91	25.15	32.38	39.62
	46.85	54.09				
138	3.39	10.52	17.65	24.78	31.91	39.04
	46.17	53.30				
140	3.34	10.37	17.40	24.43	31.46	38.49
	45.51	52.54				

I have used a dipole cut for 3.83 MHz on 80, 10 and 6 meters with good results for years. By adding a 40 Meter dipole, cut for the low end of 40 (7.02 MHz) I get good results on 40 and 15 also. This gives me 5 bands on a single feedline.

If you can latch onto a copy of Ed Noll's book, "73 Dipole and Long Wire Antennas" you will see other combinations that will work for you, and not just dipoles. The snow is flying, so the --REAL-- antenna season is here. What's a little frostbite between friends, anyway??

72/73, Keith, WB2VUO, QRP-L #582, scQRP 40, Tech Specialist (ARRL/WNY), ARRL Life Member, VP/BARK, Beacon Chaircritter, Rochester VHF Group Trustee, KB2YTW/B 10 Mtr Milliwatting Beacon (250 mW @ 28.2870 MHz) "In the Depths of the Great Bergen Swamp...FN13ac" [Bergen, NY, that is...]

From owner-qrp-1@Lehigh.EDU Wed Jan 8 18:02:43 1997
 From: KFGlynn@aol.com
 Subject: [8235] Comments on half-wave end-fed ant
 Message-ID: <970108101533_1723567685@emout09.mail.aol.com>

Hi gang,

I never used a half-wave end-fed antenna with qtr wave counterpoise before last night (have used W3EDP 85', 17' counterpoise). I bought some 22 ga stranded wire from Radio Shack and cut it for 40M last night at the Novice/Tech class to demonstrate CW. Threw the wire out the window and tied it off to some nylon cord, almost a sloper towards the ground.

Tuned up with MFJ-901B and were in business with MFJ-9040. Signals were VERY loud last night. Worked a few guys in CT and heard a bunch of 4 stations. In fact one 4 station came back with "tnx, but too weak..." Next time I won't sign /QRP after calling someone..

Thinking about planting a small cord in the trees to tie-off the end-fed antenna. Looks like Joe N2CX's Rainbow Tuner will be just the ticket for SST and 38 Special.

72 Kevin N2T0

From owner-qrp-1@Lehigh.EDU Wed Jan 8 18:02:43 1997
From: SEAB&SHARON LYON <SSLYON@worldnet.att.net>
Subject: [8218] CT-FSFD vs Mother Nature
Message-ID: <19970108061754.AAA26169@LOCALNAME>

At 10:09 PM 1/7/97 +0000, you wrote:

>Can You Feel it. Nothing like a QRP rush :)

>

>CU 2nite, Jim K3QIO

Thanks for the well-wishes, Jim... <<<<BUTTT!!!>>>> mother nature had other ideas. Without going into a long tale of woe, I was o.k. until 7:45 when I started tuning up on 40m and found 1.) a strange silence; 2.) weird loading on the tuner. 5-cell mag-lite an quick run to back of house in slippers and 22 deg. F (sub-zero wind chill) -shows BIG LOOP IS DOWN!!! (was o.k. at 4:30 tonite) Still feeling shakey from bad cold, decide to go with the

half-square, which is blowing all over the place in 30+mph gusts and not good for close-in QSOs. Got on by 8:30, struggled to get three on 40. At 9:00, with no 80m antler, decide to suit up and try stringing ~200' scrap of wire from garage roof thru some low trees, basically E-W. well, it wasn't earth-shaking, but did manage 20 Q's on 3.555.

160m, where I was really hoping for a picnic was a real drag, for me and for those hearty souls I coerced into the fray tonite. My apologies to all who tried with high expectations, and I will be quite happy to arrange skeds w/anyone on any band to provide an alternate, satisfactory conclusion.

Summary posted separately. 72 =s=

"Seab" Lyon, AA1MY

Bethel, CT; FN-31-HJ;

ARCI#9253; QRP-L#574;

ARRL; QCWA; B.C.I.

From owner-qrp-1@Lehigh.EDU Wed Jan 8 18:02:43 1997
From: "Jeff M. Gold" <JMG@tntech.edu>
Subject: [8230] Dan's NW8020 kit
Message-ID: <01IDYPGA1J7M8WW5LH@tntech.edu>

good morning to all.

Well real cold down here in the South.. don't like this 20 degree
WX.

A while back I purchased the Dan's Small Part's NW8020 kit when it
was on sale (at the time.. just didn't have the cash for the
emtech). I have built up about 1/2 the kit.

apart from missing parts and one missing page in the manual I am
VERY pleased with this kit. Roy did a great job in the manual (I
think he did the manual). I really like the build a section and
test it method. The board is real good quality. easy to solder,
easy to unsolder.. so far each section has gone together easily
with no confusion in the directions. I had to gently squeeze the
VFO coil windings.. but the VFO seems stable and has more than the
described bandwidth. I finished the receiver section.. didn't have
the instructions.. so just stuffed parts in the section that
looked like it would be the receiver :-)

The audio is good and it appears to be able to tune in a signal I
generated with my MFJ antenna analyzer. I am really getting my
money's worth out of this kit.. and it is much cheaper than
psychotherapy.

72
Jeff, AC4HF

From owner-qrp-1@Lehigh.EDU Wed Jan 8 18:02:43 1997
From: "J. Skalski" <jskalski@acsu.buffalo.edu>
Subject: [8195] Dayton ???
Message-ID: <Pine.GS0.3.95.970107193244.5959A-100000@orichalc.acsu.buffalo.edu>

It's only January and it's freezing here.It's way too early to start this
thread :-)

Any estimate of how many qrp1 people will make it out in '97?

I'll be at flea market locations #326,327 and 328. I hope they are good
ones.

73,

Jim N2GO
The Buffalo QRP CONNECTION
ARCI #9013 QRP-L #381
Life member ARRL
jskalski@acsu.Buffalo.EDU

From owner-qrp-1@Lehigh.EDU Wed Jan 8 18:02:43 1997
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [8236] FOX Prize List vers. 1.0
Message-ID: <199701081528.PAA02572@chuck.dallas.sgi.com>

Gang,

Waited until after the first of the year to post this as the prizes were coming in aperiodically. This may not be the final list.

So, here is the pile of goodies that are up for grabs in the foxhunt so far, unless you won in years previously.

I'll have to very carefully decide on catagories and how they'll be divided up in the next week and post.

Known catagories are:

First in Fox
First in Hunter
First in Novice
Upgrades from Novice Class (these guys deserve the credit for the extra work they put in and it was the purpose to get them involved from the start)

I truely wish there were prizes for everyone, but the joy in participating should be the greatest prize of all. You can say you been there, done that.

I'll take additional prizes until January 17th.
It doesn't have to be much, it's the idea that

counts.

My heartfelt thanks and appreciation to those listed below for their valued contributions.

dit dit

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Prize                                Donor(s)

OHR Explorer I Kit                   Chuck K5FO
Small Wonders Lab  GM-XX Kit         Chuck K5FO
38-Special kit (Novice Category)     Chuck K5FO or Doug KI6DS (CA vs. TX)
38-Special kit (Novice Category)     Chuck K5FO or Doug KI6DS (CA vs. TX)
1 yr Renewal/New NE-QRP membership  Rick WZ2T
Atomic Keyer Kit                     Gary N2JGU and Brad WB8YGG
TiCK Keyer Kit                       Gary N2JGU and Brad WB8YGG
TiCK Keyer Kit                       Gary N2JGU and Brad WB8YGG
1 yr Renewal/New MI-QRP membership  Paul Valko  W8KC
1 yr Renewal/New QRP ARCI membership  ??? (sorry lost email)
NorCal 40-9er kit                    Bob KI7MN
NorCal 40-9er kit                    Rick WZ2T (crystal from K5FO)
CODEMASTER V (lowest Novice score)   Marshall AA0XI
WB9KZY 'Island' keyer                Marshall AA0XI
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SIG

Chuck Adams K5FO adams@sgi.com

From owner-qrp-1@Lehigh.EDU Wed Jan 8 18:02:43 1997
From: "Bob Tellefsen-CNSE97" <Bob_Tellefsen-CNSE97@email.mot.com>
Subject: [8217] FOX REPORT: Missouri Mulefox (Long)
Message-ID: <M1223501.001.odyw0.1.970108055919Z.CC-MAIL*/OU=LMPCC10/OU=ILBE/
PRMD=MOT/ADMD=MOT/C=US/@MHS>

So you want a story, huh, nephew? Well, boy, set down here by your ol' Uncle Bob and I'll tell you about the time ol' Kenwood and I caught us a Missouri mulefox.

No, no, I'm not making this up, there really is a mulefox. You've heard of muledeer, haven't you?. Of course there's a mulefox, and they live in Missouri, mostly. They're pretty big, as foxes go, and very strong fer their size, too. That's not why they're called mulefox, though. It's the long ears that help them hear real good, and a strange kind of braying yip that sounds more like a donkey than a fox. There aren't a lot of mulefoxes left, though. Don't see one very often.

No, I am not making this up. Now just sit down and listen.

A mulefox's strength was a big help, back when more folks lived on farms. Used to be folks would catch a very young mulefox kit and raise him to be used to a harness. This was back when a real mule was a farmer's main plow puller. A mule cost a lot then, too. Well, sir, folks that could catch and raise a mulefox would teach it to pull a QRP plow just right for the family vegetable garden. So, while the farmer had his mule out plowin' his fields, the farmer's wife would plow up the family garden with the mulefox.

Lessee, where was I? You're getting me confused. Oh yes, that was the time ol' Kenwood and I were down in Missouri visiting relatives. We'd gone out in the fields fer a walk to give him some exercise, when we heard a sound we couldn't figger out. Sort of sounded like a dog and a donkey fighting. Well, with nothing better to do, we followed the sound to see what it was. I could hear RTTY birds singin' loud all around us, but this was somethin' I didn't recognize.

We left the road and cut through a small stand of trees to the edge of a small 40 meter field, and there in the middle of the field, sittin' and singin' his ol' song, was a real Missouri mulefox. Like I said, they aren't real common, so this was a treat to actually see one. Well, ol' Kenwood thought this was a real treat, too, but of a different kind. He was lookin' to take a big chomp of mulefox, maybe see if they're good to eat.

He hunkers down in the grass and goes stalkin' after that mulefox. Remember I said they had big ears to help them hear real good? Well, Mother Nature played a trick on the mulefox, 'cause while he's singin' his raucus song, he can't hardly hear a thing. Pretty soon, ol' Kenwood is real close behind ol' mulefox, and then he jumps. Ol' Kenwood gets a good mouthful of mulefoxtail, and figures he's got ol' mulefox now.

No, boy, I am not makin' this up. It all happened just like ol' Uncle Bob is tellin' you.

Like I said earlier, ol' mulefox is unusually strong fer his size. Ol' Kenwood was in for a surprise. He started tuggin' on that mulefoxtail, figgerin' he'd bring it over to show me what a good hunter he was. Well, this got ol' mulefox's attention, I tell you. So ol' mulefox starts headin' fer the far side of the field, while ol' Kenwood is tryin' to head fer me.

Well, darned if ol' mulefox doesn't start pullin' ol' Kenwood around. Ol' Kenwood fights back, puttin' all four feet on the ground fer a good grip. But ol' mulefox just keeps apullin' and draggin' ol' Kenwood after him. Ol' Kenwood's getting mad now, so he really digs in with all four paws, and with ol' mulefox tuggin' him along, soon ol' Kenwood's paws are diggin' in and he's in dirt up to his shoulders. But, no sir, he's not givin' up, not ol' Kenwood.

Ol' mulefox pulls forward, and ol' Kenwood pulls back, but ol' mulefox just keeps goin' fer the trees across the field. The whole time this is goin' on, ol' mulefox keeps on singin' his loud song, yippin' or braying what sounds like "N6WG UR 559 MO DAVE NR 618". Must have gotten to ol' Kenwood, 'cause he finally opens his mouth so he can holler back. Well, of course when the mulefoxtail is loose, so's ol' mulefox. Anyway, ol' Kenwood's so mad, he just sits down and hollers right back at ol' mulefox, "W0CH UR 559 CA BOB NR 27", so there! An' ol' mulefox trots off into the far woods and disappears.

Ol' Kenwood gets up and starts back over to where I'm sittin', havin' a good laugh. You can see why the mulefox was a real help to the farmer's wife, 'cause goin' across the field there were two furrows where ol' Kenwood's paws had dug into the soil. Those furrows were as straight as if they had been plowed with a good Missouri mule.

Anyway, that's how ol' Kenwood and I found and exchanged compliments with the ol' Missouri mulefox.

Great signal, Dave. Happy to have worked you.
Bob N6WG and ol' Kenwood

From owner-qrp-1@Lehigh.EDU Wed Jan 8 18:02:43 1997
From: "Bob Tellefsen-CNSE97" <Bob_Tellefsen-CNSE97@email.mot.com>
Subject: [8216] FOX'S REPORT: FINAL N6WG
Message-ID: <M1223502.002.odyw1.1.970108055920Z.CC-MAIL*/OU=LMPCC10/OU=ILBE/
PRMD=MOT/ADMD=MOT/C=US/@MHS>

Well, I seem to have gotten all the feedback I'm going to get.
This will serve as my final FOX report so Chuck can collect his data for the running totals.

Time	Call	RST	State	Name	Number
0401	AB7TK	579	ID	Randy	102
0403	WA6NAE	559	CA	Dwight	5W
0405	W6EMD	559	CA	Dave	294
0407	W5TFB	339	TX	Jack	282
0409	N7GS	559	MT	Mal	815
0411	W6ZH	439	CA	Pete	257
0413	N6MM	559	CA	Harvey	318
0414	AK1P	559	CA	Paul	284
0415	K6VNX	559	CA	Arlen	5W
0416	NQ7X	559	AZ	Floyd	343
0422	W6SU	339	CA	John	48
0423	KI7NS	449	WA	Phil	528

0426	W00Q	439	CO	Marty	793
0431	N5ET	559	TX	Bob	123
0432	N6KR	559	CA	Wayne	490
0435	KE5TF	559	TX	Linda	5W
0437	AB5OU	559	NM	Tim	73
0442	K5ON	449	NM	Gary	770
0443	W6ZOH	559	ID	Floyd	90W
0447	KK5RO	229	OK	Vernon	325
0453	WB6BAB	559	CA	Harvey	5W
0457	KI6OY	559	CA	Lee	837
0500	K5ZTY	339	TX	Bill	473
0502	KC7NEV	559	AZ	Joe	191
0505	KK7BD	339	AZ	Dan	5W
0511	K5LE	479	CA	Jim	534
0516	WD8LDY	559	TX	Dave	5W
0532	WB4ZKA	229	AZ	Mike	237
0535	AB5UA	339	OK	Clif	478
0551	K05W	599	TX	Steve	5W
0557	N6VZ	559	CA	Gary	4W

0555 W5FN 339 TX Tim 586
 Tim filled me in afterward, but I don't claim credit for him,
 as I didn't copy his info over the air

Summary:

AZ 4, CA 12, CO 1, ID 2, MT 1, NM 2, OK 2, TX 6, WA 1 = 31 QSOs

Thanks for a great time. Looking forward to my next turn in March.
 72, Bob N6WG

From owner-qrp-1@Lehigh.EDU Wed Jan 8 18:02:43 1997
 From: "Timothy R. Gordish" <105020.2634@CompuServe.COM>
 Subject: [8207] Fox: Anybody out there?
 Message-ID: <199701072201_MC1-E47-2ABE@compuserve.com>

What is the deal isn't there anyone out there tonight. I have only heard
 rumors of stations out there. I'm calling and nobody is answering. Try
 7118.

73 de Tim
 KB9LGJ NOVICE FOX

From owner-qrp-1@Lehigh.EDU Wed Jan 8 18:02:43 1997

From: kt3a@juno.com
Subject: [8222] FSFD In Summer??
Message-ID: <19970108.054400.7687.1.kt3a@juno.com>

Jim and Gang,

How about doing FSFD in summer too, since we are having fun with it now?
Reasons and ideas follow.

Different propagation, able to use higher bands and
hopefully make contacts on 10 meters!
More opportunities to activate states using portable ops.

I realize people become more busy in the summer,
but the portable idea appeals to me.

Also, I would like to suggest a twist to it.

Let's be patriotic about it and start after July 4.
(No offense meant to G-Land :-)
Also, let's do it in the order that the states
came into statehood.....let's see the first state is
.....oh yea, DELAWARE!

Let's kick it around for discussion.

Cameron, KT3A
Pennsylvania, the third state

From owner-qrp-1@Lehigh.EDU Wed Jan 8 18:02:43 1997
From: Marshall Emm <75230.1405@compuserve.com>
Subject: [8254] FSFD Log (for the record)
Message-ID: <970108222402_75230.1405_HHB56-1@CompuServe.COM>

As I may have indicated previously, my attempt to put CQ on the air on 1/4/97
was something less than an overwhelming success. 40M was just plain lousy, and
even though there were times when most points in the US could have been worked,
there really didn't seem to be much interest. OK, I know it's CQ, not AK, but
still [g].

I used the OHR-400, running 5 watts to a dipole at 35'. If nothing else it was
a good work-out for the new Island Keyer, which called CQ pretty steadily over
the entire two hours-- probably wouldn't have been more than 30 seconds of "dead
air" in that whole time.

Anyhow, here's the log, such as it is. I'll send cards out eventually, but

probably not for a couple of weeks.

73

Marshall

AA0XI

Log Extract: FIFTY STATES FIFTY DAYS

Printed on 01/08/97

(all QSOs on 7.037 and first report is mine, second is received)

01/05/97	0125Z	K4WZ	4/4/9	4/4/9	RON	GA
01/05/97	0201Z	AB0CD	5/7/9	5/5/9	DICK	CO
01/05/97	0203Z	K3QIO	3/3/9	4/4/9	JIM	DE
01/05/97	0206Z	K4NK	3/3/9	4/4/9	?	SC
01/05/97	0210Z	K6JI	3/3/9	5/6/9	?	CA
01/05/97	0213Z	K7TP	3/4/9	5/4/9	GROVER	CA
01/05/97	0227Z	W7KXB	5/5/9	5/6/9	BILL	AZ
01/05/97	0233Z	NQ7X	5/7/9	5/6/9	FLOYD	AZ
01/05/97	0233Z	AA6R	5/4/9	?	?	?
01/05/97	0302Z	W0HEP	5/9/9	5/9/9	RICH	CO
01/05/97	0310Z	N5VZ	3/3/9	?	?	?
01/05/97	0312Z	W0CQC	5/7/9	5/5/9	DICK	CO
01/05/97	0323Z	AB7RD	5/7/9	5/5/9	DAVE	AZ
01/05/97	0330Z	KC7NEV	2/2/9	?	?	AZ

End of Report: 14 records printed.

From owner-qrp-1@Lehigh.EDU Wed Jan 8 18:02:43 1997

From: SEAB&SHARON LYON <SSLYON@worldnet.att.net>

Subject: [8220] FSFD-CT 1/7/97 SUMMARY

Message-ID: <19970108074017.AAA12686@LOCALNAME>

Really sad without the BIG LOOP, esp. for 160m. Had to do a lot of fiddling to work around problems w/emergency "odd bit of wire"... when can I get a 2nd chance?

I think I missed/messed a couple while coughing/wheezing, too, so would like to sched make-up with any who note a flub.

EST	FREQ.	CALL	RST	MINE	STATE	NAME
-----	-----	-----	-----	-----	-----	-----
0833	7.042	KG0NA	549	589	MO	JIM
0847		K4WZ	559	449	GA	RON
0850		AC5AM	339	229	LA	BOB

.....

0913	3.555	K4NK	339	449	SC	LES
0916		WA1UPB	339	449	NH	JOHN
0922		VE3JC	449	559	ON	JOHN
0925		K3QIO	559	589	NY	JIM
0926		N3REY	549	599	MD	JOHN
0929		W2MP?*	579	579	NY	BILL
0938		WA10VM	339	339	MA	JEFF
0942		WZ2T	339	339	NY	RICK
0944		VE3SP	579	569	ON	RON
0951		N7GS	339	549	MT	MAL
0956		AC5AM	339	339	LA	BOB
1000		N0JNS	339	339	NE	DUANE
1010		K4WZ	339	339	GA	RON
1013		W4ED	449	549	GA	BOB
1018		WA8LCZ	559	569	MI	BYRON
1032		KC1FB	549	559	CT	JIM
1044		AA2BN	559	579	NY	JOHN
1049		KT3A	339	559	PA	CAM
1051		AD4ZE	449	599	NC	WARREN

1108	1.810	WA1QVM	549	579	MA	JOEL
1111		K3QIO	549	579	NY	JIM
1114		KA5DVS	559	599	NY	JIM
1120		K4WZ	449	449	GA	RON
1128		KF8EE	339	449	OH	ED
1137		KF2WU	229	559	NJ	HENRY

* thought I had it right -but didn't check out in Callbook. pls advise. =s=
=====

Thanks to all who tried, hit, or missed. Until the next time... 72 =S=

"Seab" Lyon, AA1MY
Bethel, CT; FN-31-HJ;
ARCI#9253; QRP-L#574;
ARRL; QCWA; B.C.I.

From owner-qrp-l@Lehigh.EDU Wed Jan 8 18:02:43 1997
From: BWHITTEM@mailgw.sanders.lockheed.com
Subject: [8237] hallicrafters s38 a schematics?
Message-ID: <2D3C1230.1299@mailgw.sanders.lockheed.com>

does anyone on the list have the schematics for the halicrafters s38a
sw rx?
it is my first radio and id like to restore it.
thanks, barry
wb1edi

From owner-qrp-1@Lehigh.EDU Wed Jan 8 18:02:43 1997
From: "'AB7HI' Stephen Lee" <slee@u.washington.edu>
Subject: [8243] Happenings at TAPR
Message-ID: <Pine.A41.3.95b.970108095711.114900A-100000@homer28.u.washington.edu>

Those with web browsers should take a look at the
Tuscon Amateur Packet Radio site: <http://www.tapr.org>
Tom Clark has been continuing to make progress on his
TAC-2 (Totally Accurate Clock). His creation utilizes
the GPS (Global Positioning System) to generate a clock
that is 3 to 4 times more accurate than Heathkit's Most
Accurate Clock. His explanations of how the system works
is thorough and makes for some interesting reading. (As if
we didn't have enough interesting reading here on qrp-1!)

Also there's a MIC-E box that sends out GPS data in a
320ms burst at the end of every VHF transmission. This
is a separate project from the TAC-2.

So besides getting into our receivers, these digital boys
are having just as much fun as we are, hi hi. Take a look!
Enjoy,
Stephen Lee, AB7HI, Tacoma, WA
slee@u.washington.edu

From owner-qrp-1@Lehigh.EDU Wed Jan 8 18:02:43 1997
From: kd1jv@juno.com (Steven Weber)
Subject: [8258] HB: field strength meter
Message-ID: <19970108.190309.8055.2.KD1JV@juno.com>

I was going to save this idea, but what the heck...

It seems to me the best way to tune up an antenna is with a field strength meter.
Since we all here run QRP, chances are good we can't get a reading on a typical
diode/meter FS meter.

The CA3089 or the CA3189 is a FM IF chip with a RSSI output. They cost under 2 bucks and are readily available. Now the input of the chip is designed for 10.7 Mhz and I can't seem to find any spec on its actual range. Certainly it can be used below 10.7 and most likely well above 10.7. Now, since the input sensitivity is something like 10 uv's, we can use this chip to build a simple and sensitive FS meter.

All one has to do is build a tuned circuit for the front end (fancy or simple, maybe just an RF choke and a jfet) couple that into the input of the CA3089 and place a meter (or one of those \$10 LCD volt meter thingies) on the RSSI output. Now we have a sensitive FS meter with a log-ish scale output. A 9 volt battery will run the gizmo for a long time.

I haven't actually built one yet, just thought of it last night. If anyone is interested, I'll draw up some plans and give them away for a S.A.S.E (address good in the book) If someone wants to then put it out on a web page, fine by me.

In the mean time, I'll see if I can whip one up in the next week or so and see how it works.

de KD1JV Steve in NH

From owner-qrp-l@Lehigh.EDU Wed Jan 8 18:02:43 1997
From: Joe Everhart <n2cx@voicenet.com>
Subject: [8204] Jan 97 QQ/Rainbow
Message-ID: <199701080150.UAA21765@mail3.voicenet.com>

Gang,

As Ron - KU7Y mentioned, the January QRP Quarterly carries the Rainbow Bridge/Tuner article. Another great job with newsletter Ron!

I've got to hand it to Doug - KI6DS too, for his excellent pictures in the article. He graciously volunteered to have the pictures taken and included when I could not. They say the camera never lies, but *his* camera makes my handiwork look better than I can believe!

However there are several errors in the article (and they will be in QRPP, too), all of my commission.

1.) In the wiring diagram at the bottom of Page 33, the left-hand battery terminal should be marked "B-", not "B+". In the same diagram, The "ANT GND" pin should be marked "E9" and the "ANT" terminal is "E10". For clarity, the "50 OHM" terminal E12 should be shown as the coaxial shield ground.

2.) C18 is missing from the Parts List on Page 34. It is a 200K, 1% resistor and is correctly shown in the schematic diagram.

3.) 15 "T44" pins are shown in the Parts List while only 13 are used on the circuit board.

3.) In the schematic diagram, there are four capacitors marked C1. Fortunately, though, the capacitance values shown are right. C1 is **really** the one at the cathode of D1. The capacitor at the drain of Q1 should be marked C6, the bypass capacitor on U1 pin 3 is really C7 and the variable trimmer cap is C8.

I apologize for the mistakes... err... mistakes... err... mistakes. **I** never make any, it's all the computer's fault. :-)

Another point about the Rainbow. It was designed originally as a companion for the 40-9er. However it also covers 30 meters, making it a mate to the 38 Special. All that you need is a half-wave end-fed antenna, about 66 feet for 40 meters or 46 feet for 30. Without the need for a bulky feedline, you can tuck the antenna wire for the Rainbow into a sandwich size zip-lock bag for terrific portability. Not only that, but the Rainbow will work with **any** 30 or 40 meter cw rig in the range of 150 mW to 4 watts.

BTW, don't be concerned if yours isn't among the first 200 Rainbow orders. NJQRP will order up another batch of boards and parts if, as it now appears, the initial run of 200 goes quickly.

72/73,

Joe E., N2CX

>From Southern New Jersey, y'all

work: jeverhart@cayman.vf.mmc.com

home: n2cx@voicenet.com

From owner-qrp-l@Lehigh.EDU Wed Jan 8 18:02:43 1997

From: w1aaz@juno.com (Ed Pacyna)

Subject: [8197] Juno?

Message-ID: <19970107.194356.11623.1.w1aaz@juno.com>

Is anyone receiving qrl-l in digest form through Juno?

From owner-qrp-1@Lehigh.EDU Wed Jan 8 18:02:43 1997
From: "duane" <duane@flinet.com>
Subject: [8213] keathkit scope 10-4530
Message-ID: <199701080431.XAA11007@shell.flinet.com>

does anyone have a service manual for the heathkit scope 10-4530 (or maybe 10-4350) I'm also looking for a manual for a Alda 103 80,40,20 meter mobile rig.

thanks in advance

Duane AB4BE

<http://www.flinet.com/~duane>

duane@flinet.com

ab4be@amsat.org

From owner-qrp-1@Lehigh.EDU Wed Jan 8 18:02:43 1997
From: Bob Hightower <ki7mn@dancris.com>
Subject: [8228] LDG Autotuner
Message-ID: <199701081410.HAA26973@dancris.com>

Well, I finished building (assembling) the LDG Autotuner I got in the first group buy, taking my time to get it right. Amazing, it worked the first time I fired it up. Alignment was ridiculously simple, just three adjustments to make.

I tested it on my TenTec Argo II into a G5RV, using the OHR WM-1 to measure the SWR. I had been using an MFJ901B tuner, which I really like, so my expectations were high. The LDG did not quite match the readings I got with the 901B, but the difference was so slight as to be negligible. The big point was that the LDG would tune the G5RV on 80 and 160, which the 901B would not. And, I don't think that antenna is really supposed to work all that well on those bands, could be wrong.

I realize that tuners 'fool' the transceiver into thinking that they are transmitting into an efficient antenna, and that there is some loss in making a match, but I'm happy with it. The auto-tune feature is great...the rig tunes up on sensing RF very quickly. Switching to semi allows you to tweak it if needed.

Mine is in a separate enclosure, but it wouldn't be hard to put it into a favorite rig if you wanted, but having it as a stand-alone unit makes it more versatile (how many qrp'ers have only one rig?).

Usual disclaimers here, but if you want a fun kit that works well, try this one. I suppose the larger one works as well if you are into QRO ops.

BTW, watch the winding on the torroids (wind from left to right). Also, while not needed according to the directions, RG174 works very well with short runs for the input/output jacks.

73,

Bob KI7MN Chandler, AZ Grid DM43BI Lat 33.334500 Long -111.87260

NorCal #1221 ARCI #8918 Qrp-1 #271 CQC #274 AK QRP #30 ARRL

<http://www.dancris.com/~ki7mn>

From owner-qrp-1@Lehigh.EDU Wed Jan 8 18:02:43 1997

From: WD6BOR@aol.com

Subject: [8247] Mike, WA8MCQ only (others can delete)

Message-ID: <970108133023_978610786@emout09.mail.aol.com>

In a message dated 97-01-07 01:18:07 EST, you write:

Mike,

My mailer bounced this one back to me, so I'm putting it on the list. All others, excuse the bandwidth.

Darrel

<< To: wa8mcq@bbs.abs.net

Subject: Milliwatt...

Mike,

It's late, I'm tired and, guess what, I hit the "delete" key at the wrong time. Could you please send the ordering information for the CD to me. Many thanks.

Darrel, WD6BOR

>>

From owner-qrp-1@Lehigh.EDU Wed Jan 8 18:02:43 1997

From: "Timothy R. Gordish" <105020.2634@compuserve.com>

Subject: [8233] N/T Fox report

Message-ID: <199701081001_MC1-E51-DD4A@compuserve.com>

This is the fox report for KB9LGJ.

I was running QRPP. This was an exercise in futility. Either propagation was horrible, or I was having equipment problems. Did anyone hear me out there?

Stations worked: 0

Stations heard: 0

73 de Tim

KB9LGJ

Yuma, AZ

PS. There was someone from OHIO who sent me mail. He wanted to know about Yuma, AZ. Unfortunately I lost the message. Could this gentleman please repost.

From owner-qrp-1@Lehigh.EDU Wed Jan 8 18:02:43 1997

From: Barry Keating <Barry.P.Keating.1@nd.edu>

Subject: [8224] N/T FOX Tonight

Message-ID: <v03007800aef9432d676b@[129.74.87.62]>

** Novice Fox ** ** Novice Fox **

I will be on the air this evening
(the local date is January 8, 1997).

I will operate "near" 7.122 +/- (please note that my analog dial is probably not as accurate as some of your rigs). I will be on the air from 9:00 pm - 11:00 pm local New York time:

WD4MSM

TONIGHT - Wednesday, January 8th (LOCAL date)

9:00 - 11:00 pm local (New York) time

0200 - 0400 UTC

frequency: "near" 7.122 +/-

QTH South Bend, Indiana (90 miles east of Chicago)

QRP-L# 642

Recent QRP contacts (i.e., last few days) indicate that Florida, Maine, Ohio, Missouri, Alabama, Texas and Arizona are possible... I'll be waiting!

Barry Keating

WD4MSM

Professor Barry P Keating

phone: 219-631-6370
Jesse H. Jones Professor, Chairman
fax: 219-631-5255
Department of Finance and Business Economics
e-mail:
keating.1@nd.edu
226 McGlinn Hall, College of Business
Notre Dame, Indiana 46556

From owner-qrp-1@Lehigh.EDU Wed Jan 8 18:02:43 1997
From: Barry Keating <Barry.P.Keating.1@nd.edu>
Subject: [8193] N/T FOX Wednesday Night (LOCAL)
Message-ID: <v03007800aef84ff7479b@[129.74.251.194]>

** Novice Fox ** ** Novice Fox **

I will be on the air this Wednesday
evening (the local date will be January 8, 1997).

I will operate "near" 7.212 +/- (please note that
my analog dial is probably not as accurate as some of
your rigs). I will be on the air from 9:00 pm - 11:00 pm
local New York time:

WD4MSM
Wednesday, January 8th (LOCAL date)
9:00 - 11:00 pm local (New York) time
0200 - 0400 UTC
frequency: "near" +/- 7.212
QTH is South Bend, Indiana (90 miles east of Chicago)
QRP-L# 642

Recent QRP contacts (i.e., last few days) indicate that
Florida, Maine, Ohio, Missouri, Alabama, Texas and Arizona
are possible... I'll be waiting!

Barry Keating
WD4MSM

From owner-qrp-1@Lehigh.EDU Wed Jan 8 18:02:43 1997

From: jkumar@bilbo.wipsys.soft.net
Subject: [8211] On modifying WM-1 for VHF range
Message-ID: <9701081452.AA00763@bilbo.wipsys.soft.net>

Hello everyone,

I'd like to experiment a bit with OHR WM-1 and make it work on 2m as well.

Looking for wiring/construction details of a directional coupler for this band.

Guess the handbook used to have one, but they took it out of it last year ; and I have last years' edition :-(

Any info, leads or tips pse ?

thanks es 73,

jay vu3crj

--

From owner-qrp-1@Lehigh.EDU Wed Jan 8 18:02:43 1997
From: "Gary R. Hanson" <ghanson@uts.cc.utexas.edu>
Subject: [8242] Patience and Thanks to Doug
Message-ID: <32D3D1B9.21C0@uts.cc.utexas.edu>

Doug,

The older I get, the more I learn that the good things in life are worth waiting for. The QRPp and the 38 special are definitely worth the wait.

Those of us in the hinterlands anxiously await all your stupendous effort and appreciate it greatly. Keep up the good work. Don't know how you do it, but sure am glad you do.

Just look at the level of QRP activity you have helped generate over the last five years. Pretty impressive, huh? I can turn on my rig most any evening and hear numerous QRPer's calling CQ and carrying on QSO's with great signals. What fun and you helped it happen. THANKS!

Gary, KJ5VW

From owner-qrp-1@Lehigh.EDU Wed Jan 8 18:02:43 1997
From: "William R. Colbert" <v31xe@dzdn.com>
Subject: [8205] Q signals
Message-ID: <32D31BC5.1A6D@dzdn.com>

Peter, reference to your comment about commercial operators and usage of Q signals. I was never to sea, but spent over 35 years as a government radio operator (both as an intercept operator on maritime and air circuits) point to point cw operation for a government agency and military. The Q signals were basically the same for all, including air, maritime and point to point. They were expanded or modified for each type of operation. Common ones such as QSY (will you change frequency) QSW (I will change frequency), QSX (I will monitor _____ frequency.) and most of the common Q signals that you hear now on the air were taken from the maritime service and adapted to the other usages, including amateur. When I studied for my commercial telegraph ticket, the manual had a good many of these listed in the appendix portion of the book and the questions applied to air, maritime and point to point. The mostly exclusive amateur Q signals are the QN_ series, dealing with net operations. The military developed operating signals were the Z operating signals, for particular military net operations, and are used worldwide. Hope this answers your question - a little.

--

72/73, Ray Colbert, W5XE, SOWP 1064M
(also af852@rgfn.epcc.edu)
El Paso, Texas

From owner-qrp-1@Lehigh.EDU Wed Jan 8 18:02:43 1997
From: "Thomas J. Whalen" <whalen@swcp.com>
Subject: [8221] QRP info
Message-ID: <Pine.SUN.3.91.970108013624.19643A-1000000@kitsune.swcp.com>

Thanks to everyone for the input on the qrp rigs. I,m really confused on which one to buy now!! 72, Tom WB5QYT qrp-1 640 ScQrp # 22

From owner-qrp-1@Lehigh.EDU Wed Jan 8 18:02:43 1997
From: kt3a@juno.com
Subject: [8223] QSB Reporting
Message-ID: <19970108.054400.7687.0.kt3a@juno.com>

Marshall,

Has a reporting system has already been established?

I was never aware of it. I wondered about it though. I thought we could send "RST QSB 4/35/9" to mean that your signal is changing between a 3 and a 5. But there I go again, wanting to change the "rules". :-)

As important as it may be for a QRP station, we should be the ones to initiate some sort of reporting system for QSB.

Cameron, kt3a

From owner-qrp-l@Lehigh.EDU Wed Jan 8 18:02:43 1997
From: "Laura" <sputnik@imt.net>
Subject: [8257] QSB reports, et al...
Message-ID: <199701082343.QAA09335@cu.imt.net>

Hi group!

I have followed the thread on QSB reports. I have to admit I didn't know that there were "levels" of QSB when this was first mentioned, but now I know better. I talked to my peers on this list and discovered there is already a protocol in place for reporting QSB...a scale of 1-5. I know all here are well intended in designing a scale for how they perceive QSB, but if there is already one in place, that is what we should be using. Obviously, it isn't used frequently enough for us all to be familiar with it, but we can change that if we so desire. I think it's a great operating procedure to have a scale for QSB. As I saw one post say, just to say QSB without a scale really doesn't tell us much, does it? ESPECIALLY for QRP QSOs, a QSB scale can tell us so much about our signal!! I'd like to see QRP ops using this whenever its applicable. So for those that would like to use a QSB scale, let's do it the way it is intended so all will understand us. I am sure there are some on this list that can help those of us that may not be familiar with it...in fact I KNOW there are hams on this list who have been using it all along.

73 de KJ7UN, Laura

Laura Marino Lubner - Reese Creek Montana USA
sputnik@imt.net <http://www.imt.net/~sputnik>
GHRC / ARRL / 10-10 / FISTS / MARC / QRP-L # 790

From owner-qrp-1@Lehigh.EDU Wed Jan 8 18:02:43 1997
From: James Bennett <james@research.nj.nec.com>
Subject: [8203] Rainbow Bridge/Tuner Kits FS (long) (fwd)
Message-ID: <Pine.sol.3.91.970107204143.1506D-100000@shakti>

As I have had several requests here is a copy of the message from Joe N2CX describing the Rainbow bridge/tuner kit from the NJQRP club.

If you have further questions Joe is the most qualified to answer as it is his design. His email is in the header below.

Thanks
James Bennett
KA5DVS

----- Forwarded message -----

From owner-qrp-1@Lehigh.EDU Wed Jan 8 18:02:43 1997
From: Edwin Roswell <eroswell@monmouth.com>
Subject: [8255] Rainbow Tuner
Message-ID: <32D45112.3D4@monmouth.com>

Where on the web can I get alook at the schematic of the Rainbow Tuner? Ed K2MGM

From owner-qrp-1@Lehigh.EDU Wed Jan 8 18:02:43 1997
From: lhalliday@creo.bc.ca
Subject: [8202] Re[2]: Using UTC
Message-ID: <9700078526.AA852687550@mail2.creo.bc.ca>

Radio Shack sell little LCD travel clocks that you can set to 24 hour time. I bought one three years ago, set it to WWV, and haven't needed to touch it since.

I find sometimes that paying too much attention to UTC can bring on feelings similar to jet lag. Your mileage may vary, of course.

Laura Halliday VE7LDH	"C'est une femme mutine, assez
lhalliday@creo.com	elegante, grave et legere, ayant le
ve7ldh@amsat.org	sens du confort et du plaisir
Locator: CN89mg	en tout." - C. Deneuve

From owner-qrp-1@Lehigh.EDU Wed Jan 8 18:02:43 1997
From: SYDV00A@prodigy.com (FLOYD SMITHBERG)
Subject: [8240] Soldering Station
Message-ID: <199701081644.LAB16762@mime4.prodigy.com>

Picked up a new Solomon SL-10 temperature controlled soldering iron at Circuit Specialists yesterday for \$60. Never heard of them before... It's made in Taiwan but looks like a best buy, so will pass this along.

Has sensor in handle "located near tip" and an LED indicator in the slide adjustment knob that can be set to 300-840F. Gets to 60/40 melt temp in 45 seconds...then LED cycles to hold temp. Element operates at 24V and tip is at GND thru terminal on back of control station. Fused, 2A MGP. Variety of tips are available at \$1.50 each. The tips are not threaded, slide into heater and secured by hollow sleeve with threaded collar near handle. Docs say, "Completely electronic switching protects voltage and current sensitive components against transient spikes sometimes caused by other units utilizing mechanical switching circuits. This unit incorporates a linear LED array readout which accurately indicates the temperature at the tip". Weighs 4 lbs on my digital scale. Well built, solid, has heat resistant silicon cable with 5 contact plug, tip cleaning sponge and iron holder. Haven't checked if tips are interchangeable with other suppliers but looks similar to GC...?? One year warranty from CCTs Specialitsts.

Disclaimer: I have NO connection with Solomon or CCT Spec...just a (so far) a pleased customer. Submitted for your consideration.

72, Floyd NQ7X Phoenix ScQRPion dm33uq

From owner-qrp-1@Lehigh.EDU Wed Jan 8 18:02:43 1997

From: mykey@aztec.asu.edu (MICHAEL C. TODD)

Subject: [8249] soldering station

Message-ID: <9701082002.AA17644@aztec.asu.edu>

I have the SL-10 unit also. I have been using it for several weeks and am pleased with it. My only concern is if this manufacturer will be
be around for an extended period of time.

The circuitry is solid stste so one can probably fix whatever goes wrong and the complete iron assembly is replaceable for \$10.50.

I'm not worried about it lasting 25 years 'cause I won't. HI

W9UQB Mike Phoenix, scQRPion

--

[B[C

From owner-qrp-1@Lehigh.EDU Wed Jan 8 18:02:43 1997
From: WA8GHZ /5 Jack Dougherty <jdougher@wt.net>
Subject: [8209] Sprint Results - Hasta La Sprinta!
Message-ID: <32D33FFD.4C5D@wt.net>

Great Fun and a learning experience; 5 pound 7 AH GelCel is OUTTAHERE
for next Sprint:

40	CW	K10J	559	TX	5W	1	
40	CW	K5ZTY	559	TX	5W	1	
40	CW	K04YK	339	VA	5W	1	(John)
40	CW	AE4IC	589	NC	5W	1	
40	CW	KE4U	559	SC	5W	1	
40	CW	KM5AO	559	TX	5W	1	
40	CW	W9DZ	449	IN	5W	1	

=====

7 Points

7.9 Pounds

=====

0.89 or 0.9 Q's per Lb

Rig: Emtech NW40 25.9 oz
Whiterook Keyer, Knee Pad, Walkman Phones, Cables 13.3 OZ
7.0 Amp Hour Battery 88.5 oz (5 POUNDS! It's outta here
next time!!!!)

Comments:

My first real contest attempt. Great fun, and thanks to all.

--

WA8GHZ /5 / === o === o === o o === o
Jack /Houston / "I know the guy who built my radio."

From owner-qrp-1@Lehigh.EDU Wed Jan 8 18:02:43 1997
From: Jack Ray <k4mzw@akorn.net>
Subject: [8227] Ten-Tec Argonaut For Sale
Message-ID: <32D3AA5E.6D9C@akorn.net>

I Have the Following For Sale:

Ten-Tec Argonaut Model #509
A/C Power Supply
Matching CW Filter model #208

Matching 50 Watt amp model #405 :>)

\$ 575.00 Shipped CONUS

Thanks..... Jack

Matching 50 Watt Amp model #405 :>)

From owner-qrp-1@Lehigh.EDU Wed Jan 8 18:02:43 1997
From: BWHITTEM@mailgw.sanders.lockheed.com
Subject: [8251] thanks for hallicrafter s38 info
Message-ID: <2D406770.1299@mailgw.sanders.lockheed.com>

thanks to all who replied. one gentleman offered to fax it to me so its
on its way. what a great group!!
73/72
barry
wb1edi

From owner-qrp-1@Lehigh.EDU Wed Jan 8 18:02:43 1997
From: Stew Whitehouse <76443.501@compuserve.com>
Subject: [8226] UTC?
Message-ID: <199701080820_MC1-E4E-B49D@compuserve.com>

Heck, this old crab still uses GMT and calls it ZULU!

Let's see, how did that question on those Navy exams go?
If an ICBM is launched from Moscow at 2349C on
February 28 and flight time to Washington DC (+5 zone)
is 35 minutes. What day is it in Tokyo?

Oh well, it is now 072151RJAN97 in Dunedin, Florida
72/73 Stew ke4yh

From owner-qrp-1@Lehigh.EDU Wed Jan 8 18:02:43 1997
From: "Mark S. Adams" <msadams@acsu.buffalo.edu>
Subject: [8225] Where to stay in C6A?
Message-ID: <32D39E63.6382@acsu.buffalo.edu>

Hi Gang,

This really IS qrp related. I would like to take a week and get warm in

C6A this spring. I would like a suggestion or two on where to stay with my 20M rig (soon to be ordered and built) and St. Louis Vertical (also soon to be built).

While the XYL is on the beach I can operate /QRP/P. Ought to be FUN! Also, is licensing as easy as just signing N2VPK/C6A ? Or do I need to get a license?

I know Hank, K8DD, from the list was there recently and I worked him. If anyone knows his email or phone please give me a shout.

Thanks to all from cold Buffalo.

--

72's de Mark, N2VPK, Member of the Buffalo QRP Connection

From owner-qrp-l@Lehigh.EDU Wed Jan 8 18:02:43 1997
From: bill moore <bill_moore@sunshine.net>
Subject: [8256] RE: 300 OHM ANT
Message-ID: <1.5.4.16.19970108152326.1e4ff3de@sunshine.net>

At 09:49 10/06/96 -700, James Bell wrote:

>Use 300 ohm twin lead 29.25 ft short one end together and extend
>with wire to 33.25 ft.
>Feed one side at the bottom with 50 ohm coax and ground the other
>to radial system. Use a tuner where required.
> JIM VE3DDY
>
>Hi Jim,

I am very interested in this antennna which you described last October. I have started to collect the materials in fact but I have a couple of questions of you before proceeding.

I assume that the feedline coax shield is connected to the other side of the 300 ohm ribbon and the radial system. Also, are there any technical references to this antenna in any amateur radio publications of which you are aware?

Your reply will be very much appreciated. Thanks, Jim.

73, Bill Moore, VE7HBA
>

Bill Moore, B.Sc. Ec.D.
Wm. MOORE ASSOCIATES ECONOMIC DEVELOPMENT SERVICES
Email to: bill_moore@sunshine.net
Mailing Address: RR1 Browning, C82, SECHLT, B.C. Canada, V0N 3A0

Telephone: (604) 885 0982

From owner-qrp-1@Lehigh.EDU Wed Jan 8 18:02:43 1997
From: "William R. Colbert" <v31xe@dzn.com>
Subject: [8210] Re: certificate
Message-ID: <32D3367A.793C@dzn.com>

Saw Paul, wa9pwp's post about a fox certificate- my response is ditto - what certificate? There was some mention last year, then nothing. Thought the idea was dropped.

--

72/73, Ray Colbert, W5XE, SOWP 1064M
(also af852@rgfn.epcc.edu)
El Paso, Texas

From owner-qrp-1@Lehigh.EDU Wed Jan 8 18:02:43 1997
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [8215] Re: certificate
Message-ID: <199701080441.EAA01437@chuck.dallas.sgi.com>

OK gang,

I'll have to check on the certificates for the foxhunt from last year. I forget the exact count, but the total was over 300 certificates. At \$0.43 a piece for postage alone, 1 oz but oversized, it amounted to some stamp bill not to mention the cost of a ream of 500 certificates. I found a source for the same ones that Cam Hartford uses. I managed to get a few through at \$0.32, but I got a lot returned for insufficient postage. Also some people don't keep their FCC addresses up to date. I figure they are on the run from something. :-) It was an interesting experiment.

So if you want a certificate from last year or this year send me a 9x12 stamped envelope with \$0.43 stamps on it to Box 181150, Dallas, TX 75218-8150 and I'll make sure you get one. You have to have worked at least one fox or been a fox. If you want to make sure it doesn't get folded put on \$0.55 and I'll add a cardboard support to prevent the gorilla from bending it. The people at

the post office hate to see me walk in the door.....

I got notes from people that just happened along and worked a fox and were not members of the group. :-) They said they didn't know what they did to deserve it, but appreciated it. :-)

You have to see one to get the entire wording. :-)

dit dit

SIG

Chuck Adams K5FO adams@sgi.com

From owner-qrp-1@Lehigh.EDU Wed Jan 8 18:02:43 1997

From: Cecil A Moore <Cecil_A_Moore@ccm.ch.intel.com>

Subject: [8252] Re: Conjugate Matching (ignore if you're lazy)

>From: jeffa@ix.netcom.com (Jeff Anderson)

>Similarly, looking towards the source, we'll see the source impedance
>transformed by whatever 4 terminal networks (again, lossless) which lie
>between it and our observation point.

Hi Jeff, this is exactly true. The source impedance is affected and controlled by the load and the 4 terminal networks. The source impedance is whatever it is irrespective of the generator internal impedance. Thinking about it any other way just doesn't correspond to reality. I have personally seen and measured these conditions.

I have an example that will prove that the load and 4 terminal networks determine the source impedance, even if the internal impedance of the generator is unknown.

>You've told me that the transmitter's output impedance is "irrelevant unless there are reflections reaching the transmitter." I cannot accept this. From the above discussion, the transmitter's output impedance is **always** relevant, reflections or not.

Jeff, it's a no-brainer to determine what the source impedance is forced to be. Looking into the generator terminals, it is the vector voltage divided by the vector current. If there's 100 volts at zero degrees and 2 amps at zero degrees coming out of the generator terminals, the output impedance of that generator is $100/2 = 50$ ohms. This may or may not match the internal impedances of the generator and does not depend on any particular efficiency, amplifier model, or amplifier linearity.

>Cecil, I really wish I could agree with your position, but I can't.

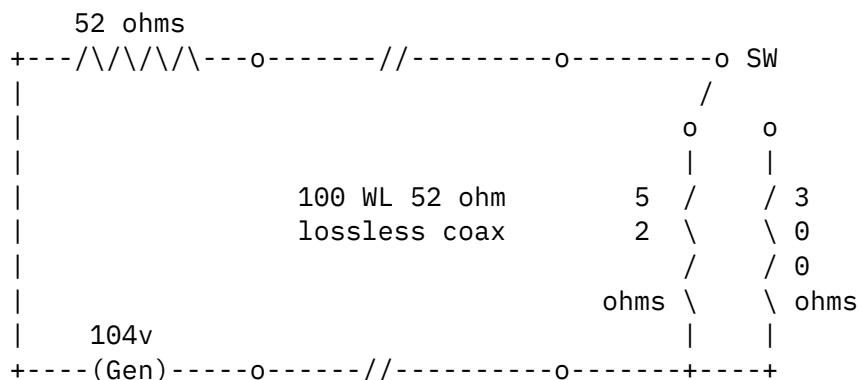
>And unfortunately, there is absolutely no way that you are going to
>convince me that it is correct. To me it is not logical, it is not
>intuitive, and neither theory nor definitions as stated above support
>it. I cannot put my objections to it more plainly than that.

Even if someone smarter than I presented a 100% true and convincing argument, your mind still wouldn't change? I can't take credit for my position. I'm pretty old but this position originates from someone with more years of RF experience than I am old. It's all explained in "Reflections".

My position leads to maximum transfer of available power. Your's leads to mass confusion. According to the theorem, a Z0-match guarantees a conjugate match. Let's take a flat system with 50 ohm coax and a 50 ohm load. You have previously agreed that is a Z0-matched system. The voltage at the transmitter output is 100v at zero degrees and the current out of the transmitter is 2a at zero degrees. You say if the internal impedance of the transmitter is 50 ohms then it is conjugately matched and otherwise it is not, even though the identical conditions exist at all terminals for all cases? IMO, that is very confusing logic divorced from reality. When a model does not correspond to reality, it is time to junk it and adopt one that does. IMO, the "new" theory creates confusion out of clarity.

It reminds me of the argument that a G5RV is a dipole on 40m but not on 20m. That leads to the conclusion that if the transceiver is turned off, a G5RV is a dipole or not depending on whether one is thinking about 40m or 20m. What if two people are thinking about it at the same time? Is it both a dipole and not a dipole? Is it neither? Thoughts do not create reality.

Here's that example I promised. I can't explain it any better than this example illustrates. 52 ohms and 300 ohms were chosen because that combination results in half the power reaching the 300 ohm load being reflected back towards the generator.



With the switch in the position shown, each 52 ohm resistor will be dissipating about 52 watts. Then switch to the 300 ohm resistor. For 100 cycles the generator will continue to output 52 watts with an output impedance of 52 ohms. But then, half of the energy that hit the 300 ohm load was reflected and hits the generator affecting the load line. This change in generator characteristics is **caused** by the reflections. The generator has no choice except to honor the laws of physics and respond to the dictates of the rest of the system. Until the reflections hit the generator, the impedance at the generator terminals was $52\text{v}/1\text{a} = 52 + j0$ ohms, equal to the generator's modeled internal impedance. But once the reflections hit, the impedance at the generator terminals is forced to change to $88.5\text{v}/0.295\text{a} = 300 + j0$ ohms.

The thing to note is the impedance at the generator terminals did not change until the reflected energy arrived. Therefore: neither the effect of the reflected wave nor the effect of the forward wave can be ignored because the **interaction** of the two waves is what determines the virtual impedance at the generator terminals. That's why bouncing a second frequency off the transmitter won't tell us anything about conditions existing at the transmitter fundamental frequency.

73, Cecil, W6RCA, 00TC

From owner-qrp-1@Lehigh.EDU Wed Jan 8 18:02:43 1997
From: kd1jv@juno.com (Steven Weber)
Subject: [8259] Re: Conjugate Matching (read if your are confused)
Message-ID: <19970108.190309.8055.1.KD1JV@juno.com>

Yeap, must be a slow day on the list.

Last night I found a nice description of conjugate and Zo matching in the 1986 Handbook. Very clearly written and understandable. Cleared up some of my misunderstandings, which I repeated on the list a few days ago.

So, if you haven't a clue about all this fuss about Conjugate vs Zo matching, here it is in a nut shell. (But go read the handbook, they do a much beter job than me)

We have a Zo match when everything matchs. That is the impedance of the transmitter, transmission line and antenna.

This, of course, only occurs at one specific frequency. At all other frequencies, we have a missmatch, which causes SWR.

If we have a loss less line, the effect of SWR is to reduce the amount of power the transmitter is capable of delivering to the load (antenna).

In real life, the line does have some loss, and any SWR causes that loss to be exagurated. In open wire, this loss is very minamual. In coax, it can be significant.

To correct for the miss match, we use a transmatch. When the transmatch is properly adjusted, it causes an inverse SWR to be created at the transmitter that cancels out the effect of the reflected wave from the antenna. Now we have a conjugate match at the transmitter, and every where else on the line, if I understand whats been said here. The transmitter can now deliver its maximum amount of power to the load.

Basicly, conjugate matching explains how and why a transmatch works.

Unfortunately, we still have a SWR in the line and we still have losses because of it. Unless the SWR is really, really bad or the intrinsic losses in the line are really big, it's not going to make a hill of beans of diffrence to the guy recieving on the other end. If you want to know how much power you loose, there is a nice chart in the '86 handbook you can use to figure it out with.

So, if we want the lowest losses possable, the transmatch should be located at the antenna end of the line, ensuring a Z_0 match between the transmitter, transmission line, the transmatch and ultimatly, the antenna.

So there you have it. This is what Cecil and Jeff have been talking about.

de KD1JV, Steve in NH

From owner-qrp-l@Lehigh.EDU Wed Jan 8 18:02:43 1997
From: n5zgt@swcp.com (Brian Mileschosky)
Subject: [8198] Re: Dayton ???
Message-ID: <199701080051.RAA02911@kitsune.swcp.com>

At 07:37 PM 1/7/97, J. Skalski wrote:

>
>It's only January and it's freezing here.It's way too early to start this
>thread :-)
> Any estimate of how many qrp-l people will make it out in '97?
>

>I'll be at flea market locations #326,327 and 328. I hope they are good
>ones.
>

Hello Everybody,

I have never been to Dayton before... Is it too late to reserve a room at
hotels? Where can I find more information? I wouldn't mind going this year!
Thanks!

72,

Brian, N5ZGT

Boy Scouts of America	Amateur Radio - N5ZGT
Eagle Scout (12-6-96)	ARRL QRP: NorCal# 1700 QRP-L# 580
JASM - Troop 41	Author of Worldradio's "Youth Forum" Column
Albuquerque, N.M.	Packet: N5ZGT @ KC5IZT.ALBQ.NM.USA.NA
O.A. Lodge 66 <-W-W-W-<<	Internet: n5zgt@swcp.com

From owner-qrp-l@Lehigh.EDU Wed Jan 8 18:02:43 1997
From: "Paul R. Valko" <prvalko@Oakland.edu>
Subject: [8200] Re: Dayton ???
Message-ID: <Pine.0SF.3.95.970107195813.8531B-100000@vela.acs.oakland.edu>

On Tue, 7 Jan 1997, J. Skalski wrote:

> It's only January and it's freezing here. It's way too early to start
> this thread :-). Any estimate of how many qrp-l people will make it out
> in '97?

Man, you're talking about DAYTON and WEATHER in the same paragraph.
Haven't we been through something really close to this before :-)

I estimate there will be 378 QRP-L members at Dayton. They will all
either freeze or roast in the Hotel rooms, again.

73 =paul= w8kc

From owner-qrp-l@Lehigh.EDU Wed Jan 8 18:02:43 1997

From: N5EM@aol.com
Subject: [8234] Re: Dayton ???
Message-ID: <970108101634_71186772@emout01.mail.aol.com>

In a message dated 97-01-07 19:42:07 EST, you write:

<< I'll be at flea market locations #326,327 and 328. I hope they are good ones.
>>

At the risk of creating info overload, QRPer flea market locations is something I would like to have a list of by FDI. I assume that if you wanted a flea market site, you had to have already reserved it? Maybe this info could be collected when someone registers and then handed out at the FDI gathering?

Ed, N5EM

From owner-qrp-1@Lehigh.EDU Wed Jan 8 18:02:43 1997
From: "KA5T Larry Wise" <lewise@inetport.com>
Subject: [8250] Re: Fox: Anybody out there?
Message-ID: <199701082030.0AA00964@admin.inetport.com>

I listened and listened and listened, and
nary a peep into this part of Texas....
KA5T - Larry Wise - Georgetown, Texas - lewise@inetport.com QRP-L 89
ex: KN80SG K80SG(1959-1967 MI) W6HED(1967-1968 Ca) W4ZTB(1968-1978 FL)

From owner-qrp-1@Lehigh.EDU Wed Jan 8 18:02:43 1997
From: Byron8LCZ@aol.com
Subject: [8248] Re: FSFD In Summer??
Message-ID: <970108133609_1258054900@emout20.mail.aol.com>

In a message dated 97-01-08 07:42:53 EST, you write:

<< Let's be patriotic about it and start after July 4.
(No offense meant to G-Land :-)
Also, let's do it in the order that the states
came into statehood.....let's see the first state is
.....oh yea, DELAWARE!

Let's kick it around for discussion.

Cameron, KT3A
Pennsylvania, the third state >>

Hi Cam and JIm,

I always remember the summer as the dog days for propagation. I would much prefer March and April. Vacations haven't started and the prop is always best in the spring and fall. But moving to the higher freqs is a great idea, especially the warc bands, 30m and 17m would be a great place to have some WAS action and general QSO's afterward. Where the competition from RTTY/Amtor, KW's and world wide contests is minimal or non-existent. We could work 30m every evening with a different state and 17m on the weekends with the 5 previous and 2 new states all on at the same time. I know we could make more QSO's with less interference and noise. The WARC bands are being under utilized.

We could always do another WAS in the summer. With all the Strat Warn Alerts and generally bad condx lately, it would be great to have a second or third chance at working some of those Left Coast states with the ol QRP rig.

72, Byron WA8LCZ Detroit

From owner-qrp-1@Lehigh.EDU Wed Jan 8 18:02:43 1997
From: w77kxb@juno.com (William Harris)
Subject: [8219] Re: FSFD SKED change: A PLEA
Message-ID: <19970107.235946.4855.0.w77kxb@juno.com>

Seab:

Was monitoring 1.810 for your full sked. time, 1600 hr to 1700Z.
Nothing received from the east. A qso from a couple of stations in the Pacific Northwest were the only signals.

72,s and CUL
Bill..W7KXB
Mesa, Az
081747Z

From owner-qrp-1@Lehigh.EDU Wed Jan 8 18:02:43 1997
From: Bill Todd <bill@techline.com>
Subject: [8241] Re: JUNO Kaputt - some solutions
Message-ID: <1.5.4.32.19970109045202.0066fde4@mail.techline.com>

So the 800 numbers are still up and running. They just forced us to switch off them from a software standpoint.

Hi Nick - I think you are right. I tried last night and again this morning and the 800 number does indeed connect to JUNO but I cannot get any messages. In some way, when a user gets one of those "800 numbers NO GO" messages then something is done to the users software so that you can no longer get mail.

Perhaps I could re-load JUNO in a different directory name, then copy the JUNO.INI file into the old directory.

Anyway Nick, I have always received the QRP-L mail here on my Techline account. I just kept the JUNO account for more "personal" mail, and to receive the NWQ-L postings too.

CUL, Bill-N7MFB

From owner-qrp-l@Lehigh.EDU Wed Jan 8 18:02:43 1997
From: Jim Eshleman <lujce@hooch.cc.lehigh.edu>
Subject: [8231] Re: Juno?
Message-ID: <97Jan8.094534-0500est.65735-12412+24@hooch.CC.Lehigh.EDU>

> Is anyone receiving qrl-l in digest form through Juno?

Ed,

Juno imposes a limit (61440 bytes) on the size of incoming mail. Anything larger is bounced. The QRP-L digests, as well as some other files like the output of the RECIPIENTS QRP-L command, exceed that limit. I've set up a way for you to automatically receive the daily digest as multiple pieces of less than 61440 bytes each. I've appended my original post on the subject below. Sorry, I haven't added this info to the "welcome" message yet...

73

Jim N3VXI

To all those suffering from limits on incoming e-mail size,

If you'd like to receive the QRP-L daily digest try the following. It's the best we can do at the moment. Send the following commands, in the body of an e-mail, to listserv@Lehigh.EDU:

```
SUBSCRIBE QRP-L John Doe WB3BKG
SET QRP-L MAIL POSTPONE
AFD ADD {qrp-l/digests daily}
```

You can omit the first command if you're already subscribed. Please use your own name and call if you do send the command. The second command "postpones" your subscription so you'll receive no list mail, but you'll still be able to post to the list. You can omit it also if you're already "postponed" or don't want to be "postponed". The third command signs you up for Automatic File Delivery of the specified file, in this case the daily digest. Be careful, the part inside the "curly braces" is case sensitive and must be sent exactly as shown. Cut and paste if you can.

The net effect of all this is that you should receive the daily digest daily, in multiple pieces of less than 64Kb each. You have to figure out how to put them back together into a single file if you so desire.

To stop receiving the multi-piece digest, send the following command in the body of an e-mail, to listserv@Lehigh.EDU:

AFD DELETE {qrp-l/digests daily}

From owner-qrp-l@Lehigh.EDU Wed Jan 8 18:02:43 1997
From: gsurrency@juno.com (Gary L Surrency)
Subject: [8246] Re: LDG Autotuner
Message-ID: <19970108.115150.10398.1.gsurrency@juno.com>

Roger,

Thanks for posting your comments about the LDG autotuner. I have the QRO model, and like it real well. The thought that went into its design is clearly evident, and the quality is very good. I really enjoyed building and using mine. QRO or QRP, it works just fine.

You are right about the toroid winding. You have to be careful and get it right so it fits properly on the PCB. At least, that's the way it is for the QRO model. And it is also necessary to use only the required number of turns on the toroids, because the ones with only a turn or two help make the smaller inductance settings for closer matches. I may still get the QRP version, I'm still thinking about it vs some other toy to build! :-)

Thanks for the observations.

73,

Gary Surrency AB7MY
S&S TAC-1(40&80m) and ARK30

QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH

From owner-qrp-l@Lehigh.EDU Wed Jan 8 18:02:43 1997
From: "Harvey D. D. Hetland" <HDHETLAND@paccd.cc.ca.us>
Subject: [8196] Re: Loud fox!
Message-ID: <7E83CC29D0@manage.paccd.cc.ca.us>

I concur with Vic, K2VCO. The W0CH fox had a good signal and good ears. I had my doubts that I would get this one. High winds left me with no power Monday local morning and the 40m beam stranded and pointing on Europe. I set up the gear to work from swap meet gel cells left over from the last QRP to the Field, and I also included a very small 12 VDC florescent lamp coincidentally purchased from All Electronics only days before the lost of a.c. power. Rather than attempting to cook I used the lack of power as an excuse to go out for dinner (and a stock of flashlight batteries).

Returning from dinner I monitored and found W0CH/fox being called by K6VNX, W6ZH, et. al. I stopped at W6BAB and worked the fox, and again monitored the fox as I continued home. Once at N6MM I managed to work the fox off the side of the beam. Later I also worked AA2WJ in Texas and WA9PWP in Wisconsin (now you know why I was so weak Paul). Tonight I am driving home with a new 3000 watt generator in the back of my pickup truck, so at least I will have the ability to get the beam pointed east again. Hopefully I will have commercial power again in a few days. Commercial power or not I'll be hunting the next fox.

To Dave, W0CH, thanks for the fox QSO with a new challenge.

73, Harvey, N6MM.

From owner-qrp-l@Lehigh.EDU Wed Jan 8 18:02:43 1997
From: k5zty@juno.com (WILLIAM A STIETENROTH)
Subject: [8206] re: Missing Fall QSO Party results
Message-ID: <19970108.024531.5223.1.k5zty@juno.com>

I was looking forward to the results of the ARCI Fall QSO Party results in the January Quarterly. Ron posted a note saying that he had lost several pages of the results and that Cam would post the results on the Web Page. I don't do web pages, but I know some here locally that do, so would someone give me the address of the web page that the results will be on. I looked in the Quarterly for the ARCI web page info, but I

didn't see it anywhere. I don't even remember if he said what web page it would be on.

Thanks es 72,
Bill, K5ZTY

WITHOUT CW, IT'S JUST CB
ARCI 8817, CQC 178, NOR-CAL 1321, MI 1472, NE 440
QRP-L 473

From owner-qrp-l@Lehigh.EDU Wed Jan 8 18:02:43 1997
From: "Chris Doherty, N3UVR" <doherty@scranton.com>
Subject: [8191] Re: Q-signals...anyone have the book?
Message-ID: <199701080008.TAA08919@ns1.scranton.com>

Peter:

Can't say if it is the "definitive" list, but L.B. Cebik, W4RNL once put on this list the Q signals from the 1930 ARRL Handbook. I have it on my home page. The address is:
<http://users.scranton.com/~doherty/q-sigs.html>

-73- de N3UVR, Chris Doherty
QTH 715 Monroe Ave.
Scranton, PA 18510
QRP-L #382 FISTS #2347
<http://users.scranton.com/~doherty>

From owner-qrp-l@Lehigh.EDU Wed Jan 8 18:02:43 1997
From: Jeff Casey <WB5GWB@sprynet.com>
Subject: [8232] Re: QRP info
Message-ID: <199701081458.GAA19796@m7.sprynet.com>

On Wed, 8 Jan 1997, "Thomas J. Whalen" <whalen@swcp.com> wrote:
>Thanks to everyone for the input on the qrp rigs. I,m really confused on
>which one to buy now!! 72, Tom WB5QYT qrp-l 640 ScQrp # 22

Ahhh, our work is done. ;-)

Jeff T. Casey / WB5GWB / Long Island, NY / ARCI ARRL ARS LIQRP NorCal QRP-L

From owner-qrp-l@Lehigh.EDU Wed Jan 8 18:02:43 1997

From: Goemans <jgoemans@facstaff.wisc.edu>
Subject: [8194] re: QRP-L numbers and foxhunt certificates
Message-ID: <199701080033.SAA47032@audumla.students.wisc.edu>

Someone said....
SNIP>

Pete,

You have a qrp-l number below freezing, so I would think you were here the last time this discussion came up. Perhaps you received a fox-participation certificate from last year?

For those that may not have received one of these coveted and collectable mementos, it specified, several "curiously strong" traits that separate the foxhunters from the lowly, typical ham.

One of them follows, if I may quote directly from the certificate...

"Knowledge - proficient at converting any date/time-zone combination into GMT, +/- an hour or two, and generally within the same week."

There you have it
SNIP>

What certificate ?

72, Paul WA9PWP
1996 foxhunt co-champion.....

Paul R Goemans WA9PWP
1508 Sundt Lane
Stoughton, Wi. 53589-1069 608-877-4151
QRP ARCI 7291 NorCal 1226 QRP-L 127 FISTS 2153

From owner-qrp-l@Lehigh.EDU Wed Jan 8 18:02:43 1997
From: "Paul R. Valko" <prvalko@Oakland.edu>
Subject: [8199] re: QRP-L numbers and foxhunt certificates
Message-ID: <Pine.OSF.3.95.970107195341.8531A-100000@vela.acs.oakland.edu>

On Tue, 7 Jan 1997, Goemans wrote:

> Someone said....

Could it be me?!

> You have a qrp-l number below freezing, so I would think you were here the
> last time this discussion came up. Perhaps you received a fox-participation
> certificate from last year?

T'was I!!!

> What certificate ?

Paul,

I think you, as co-champ, got a PRIZE, the certificate was the consolation prize for those of us that could not match your skills. But, I'll trade you, if interested...

Sheeze... some guys want it all :-)

CU on 2M aurora!

73 =paul= W8KC

From owner-qrp-l@Lehigh.EDU Wed Jan 8 18:02:43 1997
From: NJBIRDMAN <jsielke@pobox.com>
Subject: [8201] re: QRP-L numbers and foxhunt certificates
Message-ID: <v03010d05aef8a50078f7@[206.106.174.44]>

>Someone said....

>SNIP>

>

>Pete,

>

>You have a qrp-l number below freezing, so I would think you were here the
>last time this discussion came up. Perhaps you received a fox-participation
>certificate from last year?

>

Well, I'm in trouble. I have been a ham 38 years, was in Military 10 years, and worked for the FAA for the last 20. I STILL get screwed up with time zones. Hell, I'm still putting 1996! Can't we stick to "Mickey's big hand is on the 6 and his little hand is on the 2?"

_ _ _ _ _
 | \ | | | | _ | / _ _ |
 | . ' | | _ _ | | | \ _ _ \
 | _ | \ _ | | _ | \ _ _ / | _ _ /

John L. Sielke n4js@amsat.org n4js@pobox.com
n4js@n4js.ampr.org QRP-L #884 NJ Grid:FM29
<http://www.pobox.com/~n4js>

From owner-qrp-l@Lehigh.EDU Wed Jan 8 18:02:43 1997
From: "Dean T. Miller" <dtmiller@dsmnet.com>
Subject: [8238] Re: QSB Reporting
Message-ID: <9701081639.AA01598@dsm7.dsmnet.com>

At 05:55 AM 1/8/97 EST, kt3a@juno.com (Cameron) wrote:

>Has a reporting system has already been established?
>
>I was never aware of it. I wondered about it though. I thought we could
>send "RST QSB 4/35/9" to mean that your signal is changing between a 3
>and a 5. But there I go again, wanting to change the "rules". :-)

How about QSB1 to mean 'getting 10-20% of your transmission' to QSB9 which is
'getting 90-100% of your transmission' -- If you copy less than 10% there
isn't a contact (and QSB isn't needed at 100% copy).

Dean -- from Des Moines

From owner-qrp-l@Lehigh.EDU Wed Jan 8 18:02:43 1997
From: Joe Everhart <n2cx@voicenet.com>
Subject: Rainbow Bridge/Tuner Kits FS (long)

Homebrewers,

As the year ends and you're considering what to build during the stormy
winter days, remember that there is often a rainbow to brighten the end of a
storm. And NJQRP is offering a Rainbow at the beginning of the stormy winter
season!

We are proud to announce a kit for the Rainbow Bridge/Tuner. The Rainbow, co-
winner of the recent NorCal Design Competition, is a very lightweight,
compact, combination half-wave antenna tuner and a built-in automatic SWR

bridge. Thanks to Doug Hendricks, KI6DS for both holding the competition and for encouraging NJQRP to offer the kits!

The Rainbow was originally intended as a companion to the popular 40-9er, a complete 40 meter QRP transceiver that fits inside an Altoids mint tin. Similarly, the Rainbow consists of simple tuner *and* LED display SWR bridge on a 2x3 inch printed circuit board that can be built in a another Altoids tin. A complete QRP station except for the key and a 67 foot antenna wire fits inside two Altoids tins!

And as a bonus, the Rainbow is the perfect companion to the 38 Special, the other Design Competition winner. With a 30 meter half-wave end fed wire, it will tune the 30 meter band with no added components.

The Rainbow SWR Bridge is also useful even without the tuner. It automatically turns itself on when RF is applied and turns off when the RF disappears. It uses four multicolor LEDs in a bar graph display that give relative SWR readings *and* accurate absolute SWR indication. Simpler two-LED SWR bridges only give you the relative indication. It senses both forward and reverse power and automatically tracks over a range of 150 mW (or less) to 4 W so that there are absolutely no adjustments.

Complete details on the Rainbow will be given articles appearing in the December 1996 QRPp and January 1997 QRP Quarterly.

The Rainbow Bridge/Tuner is available from the NJQRP in kit form. The kit consists of a high quality printed circuit board, all board-mounted parts including the tuner parts and the Rainbow display and a detailed construction and usage manual. You need supply only three coaxial connectors of your choice, an enclosure and a 6 to 12 volt power source. Directions are included in the manual on how to install a low-cost N-sized battery right on the pc board for the ultimate in space-saving.

The cost of the Rainbow as described is \$25.00 each plus \$3.00 for shipping (\$5.00 outside USA). Please make checks payable to James Bennett, not to NJQRP. James will be taking orders starting January 1, 1997 and ending on February 15, 1997. Each order received on or after that date will be assigned an order number and shipping will begin in mid-to late February according to the order number. We are gearing up for 200 kits in the first run and will evaluate whether or not another kit run is needed.

You can print out and use the attached order form or just send your check and mailing address to James at:

James Bennett, KA5DVS/2
309 Morrison Ave.
Hightstown, NJ 08520

Sorry but we cannot accept e-mail orders or credit cards. After all we're QRP in club size, too!

If you have an e-mail address, please include it so that we can tell you your order number. If not, we will send out postcards with your number, but we'd appreciate the e-mail address so that we can save money for the club and effort on James's part.

For technical information check out the QRPP and QRP Quarterly articles or contact me, N2CX at n2cx@voicenet.com. After the newsletters are in circulation, I will also publish short discussions on the circuitry in the Rainbow and how to use it. These discussions will be send out on qrp-l.

Rainbow Order Form

The Rainbow Bridge/Tuner is offered in kit form from NJQRP. It consists of a printed circuit board and all board mounted parts for a 30/40 meter antenna tuner and bar-graph LED SWR bridge.

The price is \$25.00 each plus \$3.00 postage (\$5.00 outside USA)

_____Rainbow kits @ \$25.00 each

_____Shipping \$3.00 (\$5.00 foreign)

_____Amount enclosed

Send to:

_____Name/Callsign

_____Street Address

_____City, State, ZIP

_____E-mail address for order number notification

Please make checks payable to James Bennett.

Send completed order form and check or money order to:

James Bennett, KA5DVS/2

309 Morrison Ave.
Hightstown, NJ 08520

72/73,

Joe E., N2CX

work: jeverhart@cayman.vf.mmc.com
home: n2cx@voicenet.com

From owner-qrp-l@Lehigh.EDU Wed Jan 8 18:02:43 1997
From: gsurrency@juno.com (Gary L Surrency)
Subject: [8245] Re: Soldering Station
Message-ID: <19970108.115150.10398.3.gsurrency@juno.com>

Floyd and others,

I bought one of these, except mine has the LED readout of temperature, the SL-30. It has held up real well so far, and the tips seem to last. My old WP-22 Weller pencil finally gave up the ghost earlier this year, so I had no choice but to buy a new one, and decided it was well overdue. I doubt it will outlast the old Weller pencil that was +25 years old. :-)

73,

Gary Surrency AB7MY
S&S TAC-1(40&80m) and ARK30
QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH

From owner-qrp-l@Lehigh.EDU Wed Jan 8 18:02:43 1997
From: rstuff@juno.com (William E. Smith)
Subject: [8244] RE: Time Reporting.
Message-ID: <19970108.101844.4911.0.rstuff@juno.com>

Hay Guys,

If we don't use UTC, the die hard QRO + guys will just start puffing out their chests and making statements like, " Ya see, that just goes to prove that those pipsqueak QRPers can't even communicate out of their own

time zone."

Nuff said

Bill WA6YPE

From owner-qrp-1@Lehigh.EDU Wed Jan 8 18:02:43 1997
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [8192] Re: Truth abt QRP ARCI
Message-ID: <Pine.SUN.3.90.970107161338.4663D-100000@vortex.sage.dri.edu>

On Tue, 7 Jan 1997, Michael Hopkins wrote:

> That explains why we do not ever talk about ERP.

Oh, but that has been down the road here also! It might be valid if someone ever markets a good, cheap ERP meter! :-)

cul,

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-1@Lehigh.EDU Wed Jan 8 18:02:43 1997
From: Sandy W5TVW <ebjr@worldnet.att.net>
Subject: [8208] RE: Using UTC
Message-ID: <19970108025731.AAC23025@LOCALNAME>

At 03:55 PM 1/7/97 +0000, you wrote:

>On Tuesday, January 07, 1997 3:50 AM, Mike Robinson[SMTP:miker@cc.com] wrote:

>>

>>I've said it before and I'll say it again:

>

>><snip>

>

>>There's no excuse for a ham not to be able to use UTC.

>

 AMEN!!!***

UTC, GMT, or "ZULU" time is all the same. It's about lessening confusion!

ANY radio operator worth his salt, will know what to do with UTC. You have no time zones to figure except your own, there is NO confusion about "AM or PM", and it keeps from mistakes using DAYLIGHT time.

ALL shortwave schedules are usually in UTC. If the SWLs can figure it out, I'm sure we real radio operators can do the same. I have TWO clocks in my shack: a Soviet wind-up ship clock with a 12 hour face, and a big electric (quartz) one with a 24 hour dial. The big one is ALWAYS running on UTC.

73,

E. V. Sandy Blaize, W5TVW

"Boat Anchors collected, restored, repaired, traded and used!"

417 Ridgewood Drive,

Metairie, LA., 70001

ebjr@worldnet.att.net

Looking for: Hallicrafters SR-75, 860 tubes

Butternut HV2V antenna, G-R test gear.....